

ABSTRACT OF THE DISCLOSURE

An apparatus for reducing the electromagnetic interference between two or more co-located antennas is described herein. In one embodiment, the apparatus is
5 positioned proximate to a second antenna for intercepting electromagnetic energy radiated from a first antenna during transmission of a signal. To reduce interference at the second antenna, the apparatus includes a plurality of resonant circuit elements, each being configured to resonate at or near a carrier frequency of the transmitted signal for redirecting at least a portion of the electromagnetic energy away from the
10 second antenna. A method for reducing the electromagnetic interference between two or more antennas coupled to a wireless communication device is also disclosed herein.